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PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/700,182	
	Filing Date	December 5, 2000	
	First Named Inventor	Ferdinand et al.	
	Art Unit	Chang, Audrey Y.	
	Examiner Name	2872	
Total Number of Pages in This Submission		Attorney Docket Number	034299-289

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>return postcard</b>
Remarks		RECEIVED JAN 22 2004 TECHNOLOGY CENTER 2800
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Thierry K. Lo, Reg. No. 49,097 - Thelen Reid & Priest LLP	
Signature	<i>Thierry K. Lo</i>	
Date	1/12/2004	

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Sharon E. Byam		
Signature	<i>Sharon E. Byam</i>	Date	1-12-04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**FEE TRANSMITTAL  
for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 950

Complete if Known

Application Number	09/700,182
Filing Date	December 5, 2000
First Named Inventor	Ferdinand et al.
Examiner Name	Chang, Audrey Y.
Group / Art Unit	2872
Attorney Docket No.	034299-289

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None  
Order
☒ Deposit Account:Deposit  
Account  
Number

50-1698

Deposit  
Account  
Name

Thelen Reid &amp; Priest LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee  
to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
<b>SUBTOTAL (1)</b>					(\$) 0

**2. EXTRA CLAIM FEES**

Total Claims		** =	0	X		=	0
Independent Claims		** =	0	X		=	0
Multiple Dependent		X		=	0		

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$) 0

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	950
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

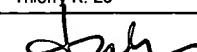
\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$) 950

**SUBMITTED BY**

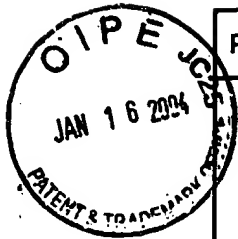
Complete (if applicable)

Name (Print/Type)	Thierry K. Lo	Registration No. Attorney/Agent)	49,097	Telephone	408-292-5800
Signature		Date	1/12/2004		

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional)  
034299-289

In re Application of Ferdinand et al.

Application Number 09/700,182

Filed 12/5/00

For Process for Writing Bragg Gratings, Apparatus for the Use of  
this Process and Bragg Grating Devices Obtained by this Process

Group Art Unit  
2872

Examiner  
Chang, Audrey Y.

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a  
response in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows  
(check time period desired):

- ☐ One month (37 CFR 1.17(a)(1)) \$ \_\_\_\_\_  
☐ Two months (37 CFR 1.17(a)(2)) \$ \_\_\_\_\_  
☒ Three months (37 CFR 1.17(a)(3)) \$950.00  
☐ Four months (37 CFR 1.17(a)(4)) \$ \_\_\_\_\_  
☐ Five months (37 CFR 1.17(a)(5)) \$ \_\_\_\_\_

- ☐ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown  
above is reduced by one-half, and the resulting fee is: \$ \_\_\_\_\_.  
☐ A check in the amount of the fee is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☐ The Commissioner has already been authorized to charge fees in this  
application to a Deposit Account.  
☒ The Commissioner is hereby authorized to charge any fees which may be required,  
or credit any overpayment, to Deposit Account Number 50-1698.  
I have enclosed a duplicate copy of this sheet.

I am the ☐ applicant/inventor.

☐ assignee of record of the entire interest. See 37 CFR 3.71

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

☒ attorney or agent of record.

☐ attorney or agent under 37 CFR 1.34(a).

Registration number if acting under 37 CFR 1.34(a). \_\_\_\_\_.

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be included on this form. Provide credit card information and authorization on PTO-2038.**

1/12/2004  
Date

Thierry K. Lo  
Signature

Thierry K. Lo

Typed or printed name

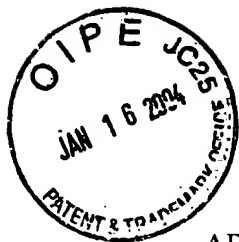
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple  
forms if more than one signature is required, see below\*.

☐ \*Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any  
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Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for  
Patents, Washington, DC 20231.

01/20/2004 CNGUYEN 00000159 501698 09700182

01 FC:1253 950.00 DA



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Ferdinand et al.  
SERIAL NO.: 09/700,182  
FILING DATE: 12/05/2000  
TITLE: Process for writing Bragg gratings, Apparatus for the use of this  
process and Bragg grating devices obtained by this process  
EXAMINER: Chang, Audrey Y  
ART UNIT: 2872

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**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal  
Service as First Class Mail in an envelope addressed to: Mail Stop: , Assistant Commissioner for Patents,  
Washington, DC 20231, on the date printed below:

Date: 1/12/04

Name: Sharon E Byam  
Sharon Byam

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ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

Dear Sir/Madam:

In response to the Office Action of July 11, 2003, please amend the above-  
identified application as follows:

RECEIVED  
JAN 22 2004  
TECHNOLOGY CENTER 2800